DETAILED ACTION

This is a supplemental allowance as a result of including unnecessary amendments to claims, not pertaining to this application, in the Examiner's amendment to the Allowance originally filed on 2/8/2008. The error has been corrected in the Examiner's amendment herein. Authorization for the examiner's amendment was given in a telephone interview with Gwendolyn D. Spratt (678-420-9300) on Feb 1, 2008.

In the claims:

In claim 4, line 2, delete "28,".

In claim 5, line 2, delete "28,".

In claim 27, line 4, delete "a) amino acids 1-1089 as shown in Figure 3 and".

In claim 27, line 5, delete "b)".

Cancel claim(s): 28.

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

The sequence deposited under ATCC accession No. 75058, as recited in claim 25 and the sequence in Figure 3 is free of the art.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anna Skibinsky whose telephone number is (571) 272-4373. The examiner can normally be reached on 8 am - 5:30 pm.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marjorie Moran can be reached on (571) 272-0720. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Anna Skibinsky, PhD Art Unit 1631

/Marjorie Moran/ Supervisory Patent Examiner, Art Unit 1631